



\$ 2819

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 00-167-C)

PATENT

In re Application of:

Carl Werner, et al.

Serial No.: 09/742,250

Filed: December 20, 2000

For: Apparatus and Method for Improving
Resolution of a Current Mode Driver

Group Art Unit: 2819

Examiner: L. Nguyen

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In regard to the above identified application,

1. We are transmitting herewith the attached:
 - a) Information Disclosure Statement
 - b) Form PTO-1449
 - c) Cited References
 - d) Postcard

2. With respect to fees:

- a) Attached is a check in the amount of \$ 180.00
- b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.

3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 10, 2003.

Date: July 10, 2003

Respectfully submitted,

Matthew Y. Sampson
Matthew Y. Sampson
Registration No. 35,999

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 00-167-C)

PATENT

In re Application of:

Werner, et al.

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Examiner: L. Nguyen

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Dear Sir:

Pursuant to 37 C.F.R. Section 1.97-1.98, and in accordance with the duty of candor set forth in 37 C.F.R. §1.56, applicants wish to make the following references of record in the above-identified application. Copies of the references cited below are enclosed along with a copy of completed PTO Form-1449 and fee pursuant to 37 C.F.R. § 1.97 (c) and 1.17(p).

I. U.S. PATENTS

	<u>Patent Number</u>	<u>Inventor(s)</u>	<u>Issue Date</u>
1.	4,748,637	Bishop et al.	May 31, 1988
2.	5,254,883	Horowitz et al.	October 19, 1993
3.	5,608,755	Rakib	March 4, 1997

McDonnell Boehnen Hulbert & Berghoff
300 South Wacker Drive
Chicago, Illinois 60606
(312) 913-0001

07/17/2003 SPENB01 0000000 1808010
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II. FOREIGN PATENTS

	<u>Patent Number</u>	<u>Inventor(s)</u>	<u>Publication Date</u>
1.	WO 99/10982	Garrett	March 4, 1999

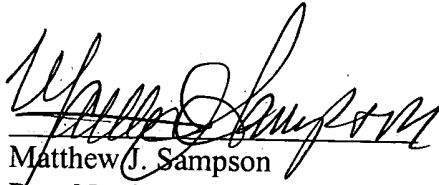
III. OTHER DOCUMENTS

1. Vogt, et al. " 10-Bit High Speed CMOS DAC MACROCELL", IEEE 1989 Custom Integrated Circuits Conference pp. 6.7.1-6.7.4

IV. Discussion

Applicants submit that these documents, whether taken alone or in combination, fail to show or suggest the claimed subject matter. Applicants request that the Examiner consider the entirety of each document and make them of record in this application. Applicants' submission of these documents for consideration is not to be construed as an admission that the documents qualify as prior art to the claimed subject matter, a representation that a search has been made, nor as an admission that the information is considered to be material to patentability.

Respectfully Submitted,


Matthew J. Sampson
Reg. No. 35,999

Date: July 10, 2003

FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

00-167-C

Serial No.

09/742,250

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Applicant:

Werner et al.

Filing Date:

12/20/00

Group:

2819

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class s	Subclass	Filing Date if Appr priat
	4,748,637	5/31/88	Bishop et al.			
	5,254,883	10/19/93	Horowitz et al.			
	5,608,755	3/4/97	Rakib			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No
WO 99/10982	3/4/99	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

Vogt, et al. " 10-Bit High Speed CMOS DAC MACROCELL", IEEE 1989 Custom Integrated Circuits Conference pp. 6.7.1-6.7.4

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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